

**PATENT ABSTRACTS OF JAPAN**(21) Application number: **57020235**(51) Intl. Cl.: **B41M 5/00 B41J 3/04**(22) Application date: **09.02.82**

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contracting states:(71) Applicant: **CANON INC**(72) Inventor: **HARUTA MASAHIRO  
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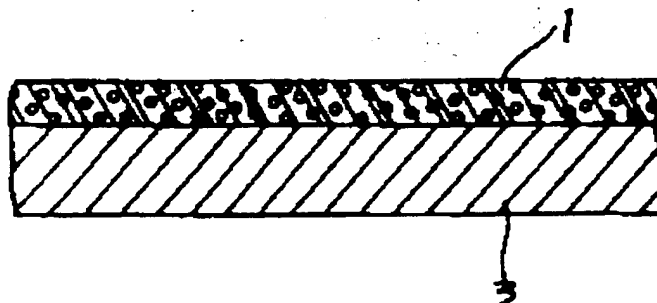
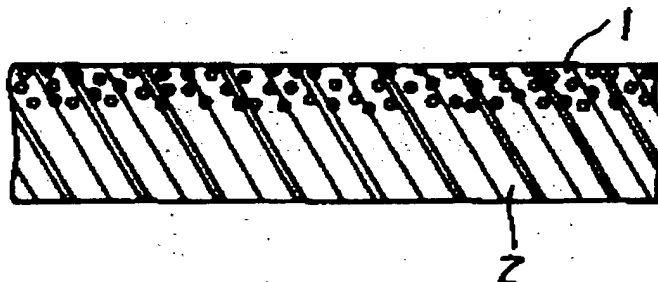
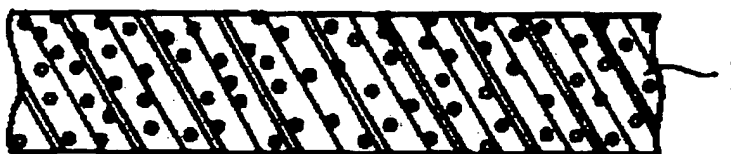
(74) Representative:

**(54) INK JET  
RECORDING  
METHOD**

(57) Abstract:

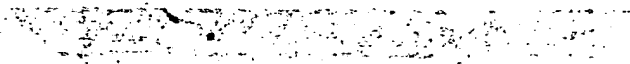
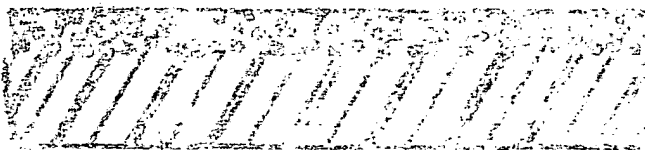
**PURPOSE:** To obtain a recording sheet capable of recording a high-quality image thereon and resistant to water, by a method wherein an image is recorded by ink jet recording on a recording sheet provided with a porous resin layer as an ink-receiving part, and then the surface of the resin layer is melted to become transparent.

**CONSTITUTION:** The porous resin layer 1 is produced, for example, by a method wherein a resin capable of being formed into a film is kneaded with a pore-generating source substance (a substance capable of foaming by the heat or light, a water-soluble inorganic salt or the like) dispersed uniformly or locally therein, is molded, and then pores are generated in the molded material by heating, irradiating with light



recording an image by ink jet  
recording on the recording  
sheet provided with the  
porous resin layer 1 as an ink-  
receiving part, a surface  
region of the resin layer 1 is  
melted by an appropriate  
heating means and an  
appropriate pressing means so  
that the resin becomes  
transparent.

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The image is a recording of a  
textured surface. The texture is  
characterized by a dense, irregular  
pattern of dots and lines. The  
dots are of varying sizes and are  
distributed throughout the area. The  
lines are also of varying lengths and  
are oriented in different directions.  
The overall effect is a complex, non-  
uniform pattern that resembles a  
microscopic view of a material or a  
high-resolution scan of a surface.